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FIG. 1

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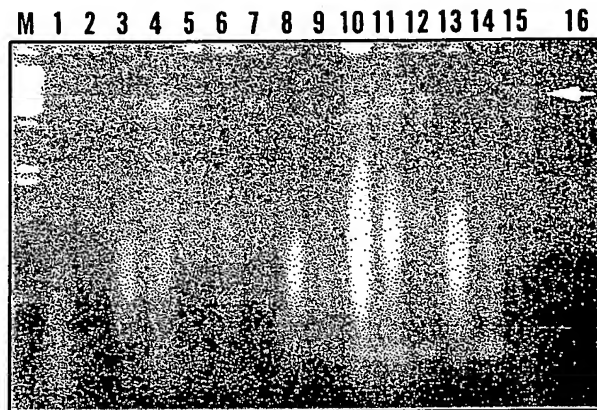


FIG. 2A

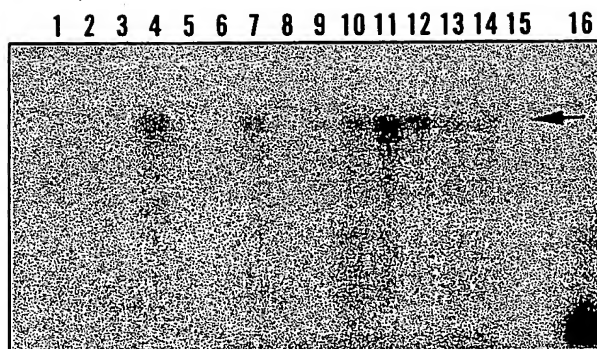


FIG. 2B

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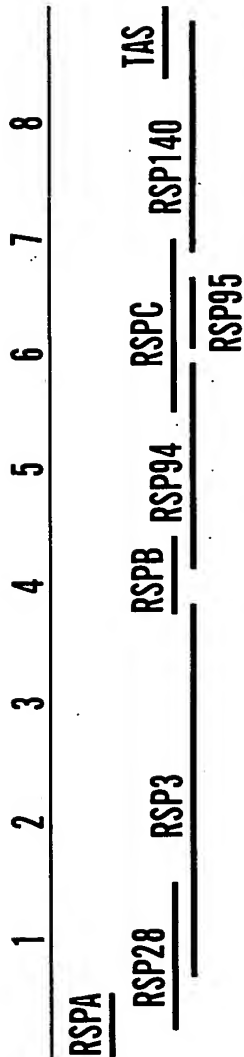


FIG. 3A

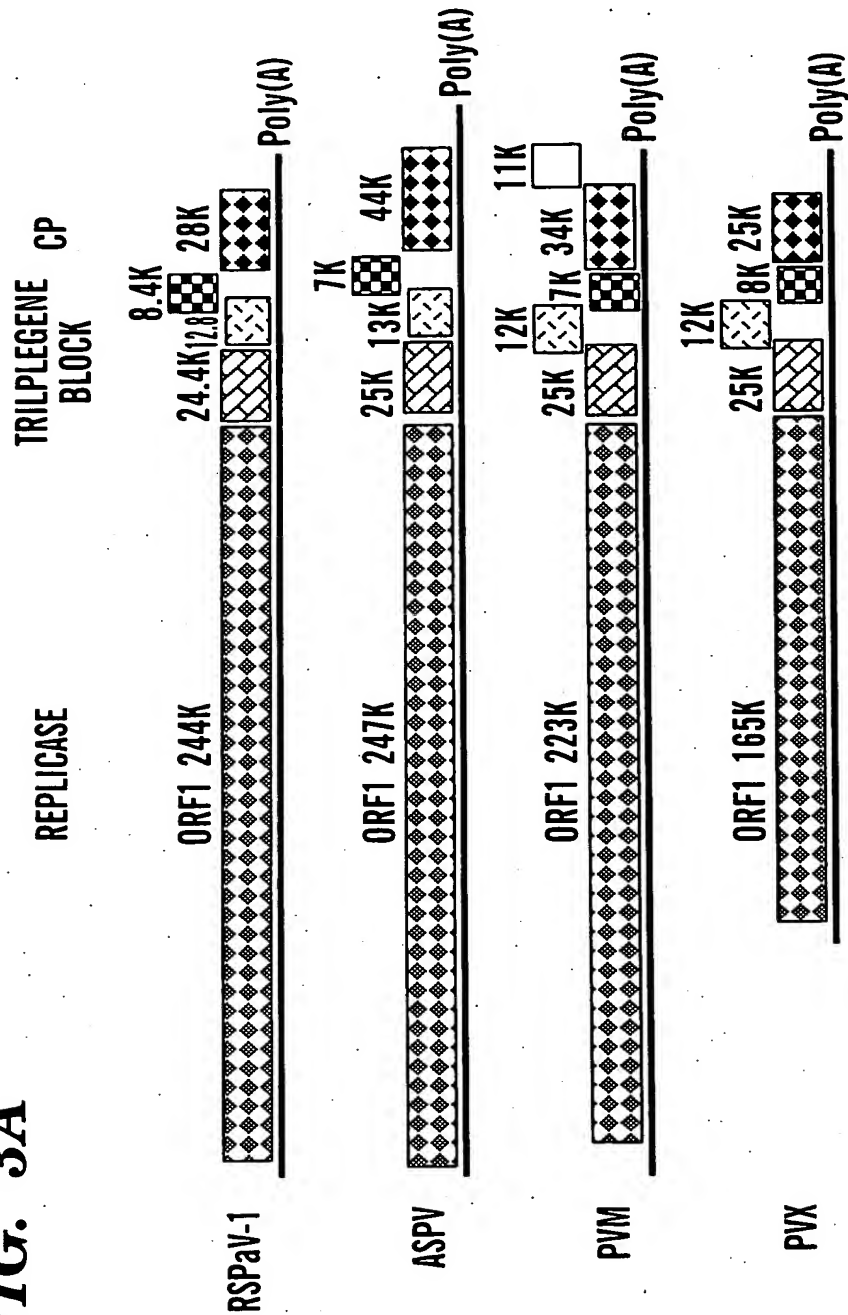


FIG. 3B

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MA*.#R.*.E**.*.F**.*.Q**.*.A**.*.E#**.*.F**.*.L**.*.K.*.L...*GIYLS#S**.
(1)MAVTYRTPMEDI VNCFE- PATQAVI ANSAATLYKNFEENHCQYFNY- LSPLAKRKLSMAGI YLSPYSAVV
(1)MALLSRTAAEEVI ASFT- SEEQSRI STQAVLALTNVEKDKHDLFNALPELAKMRLFNSGI YLSPHSYRP
(1)MALSYPRAVEEVLAFT- SDEQSRVSATALKALVDLEESQHNLFSAFPDRSKERLI SSGI YLSPYSFRP

Consensus
PVM Rep-1
ASPV Rep-1
RSPaV-1 Rep-1

HSHPVCKTLEN. IL#N#LPSY. -#*SFY#V#IK. K##*LK**.*#L...V..*NR.##S.D..RY*...F#
HSHPVCKTLENYI LYSVLPSYI- NSSFYFVGI KERKQLLKSKCKNLDVQVNNRYVTS ADRMRYTNDFFV
HSHPVCKTLENNI LFNILPSYL- DNSFYLVSI KKNKVDFLKRHPDLQMVETI NRYI SSI DKTRYGGFFH
HSHPVCKTLENHILYNVLP SYV- NNSFYFVGI KDFKLQFLKRRNKDLSLVALI NRVFVTSRDVSRYGSEFV

Consensus
PVM Rep-1
ASPV Rep-1
RSPaV-1 Rep-1

.S......*#G.#-D...L#.L#*...*...*#F.HDE.HYW#...LI.-FLD#.*P...#L*#
PYGS...YEHECLVHKGVGLDNEALRGLVGPLRRHKAKNLFHDELHYWSSKVLID-FLDVMRPDKLLGT
VSPSKI SAKFKCDRTGFE- DDASLI DLIPGCMGARKRRFFHDELHYWTKALIT-FLDHVKPEVMLAS
ISSDDKSSQVVS..RKGI G-DSNTRLRLVPRVI STGARNLFLHDEI HYWSISDLIN-FLDVAKPSMLLAT

Consensus
PVM Rep-1
ASPV Rep-1
RSPaV-1 Rep-1

V.PPE.L.G..ESLNPW.Y.Y.I.G..L.F.PDG...E.Y.QPL...YLL.ARS..LPDG...Y.VD...
VVYPPELLFKPTRSLNEWCYTYDI VGDTLMFFPDGVQSEGYQQPKGGYLLGARSCLKLPDGTVYMDVLC
IVFPPEI LAGAKESLNPWCYTFRIVGKDLVFFPDGEQSEAYIQPVAGSYLLRTGKITTPSGDIFQLDLLK
AVIPPEVLVGSPESLNPWAYQYKINGNQLLFAPDGNWNEMYSQPLSCRYLLKARSVVLDPGSRYSVDIIH

Consensus
PVM Rep-1
ASPV Rep-1
RSPaV-1 Rep-1

S#F*HHL.S.T..G.....*R.F.*F.A...*L.*L#*...*#P#...*#K.I.Y.YLRTLKKPD..
SKFPHHLISIT-KGEAAAPTHRAFPGFEAVASEALKATLSPDYPCAFPVSVEVVKI YRYLRTLKKPDEQ
SSFSSHHLISIT-KGEAI GQKMRFFNGFEAVAMKGLNP-LRRKVESCLPI SKNTILKI YRYLRTLKKPDLQ
SKFSSHLLSFTPMGNLLTSNMRCFSGFDAIGIKDLEP-LSRGMHSCFPVHHDVVTKI YLYLRTLKKPDKE

Consensus
PVM Rep-1
ASPV Rep-1
RSPaV-1 Rep-1

SA.AKL.Q.#...P.G#EI*F.E.F*.L##✓
SAIAKLSQII AEPSGREIDFVECFARLVI (371)✓
SAMAKLSQVCKDPNGYEIKFFEFSKLCL (373)✓
SAEAKLRQLIEKPTGREIKFIEDFSSSLVI (372)✓

Consensus
PVM Rep-1
ASPV Rep-1
RSPaV-1 Rep-1

FIG. 4A

GTFG.GKS.L.-K..#.*.GK.*FVSPRR#LA.**#.***#K#G.**...V.T*E.
 ((1163)I VGTFGSGKSTLF-KNLLKYGAGKSLDFVSPRRALAEF KRTVGMNERGGRAKAGQE-...NWRVTTLET
 ((1372)I LGTFGCGKSSLF-KKFI EKSPGKAITFVSPRRSLAESI NHDGLGLARVGGK-KTGKS KDLKNVRVKT FEL
 ((1354)V LGTFGAGKSF LY-KSFMKRSEGFVT FVSPRRALANSI KNDLEMDDSCKVAKAGRS KKEGWD-VVTFE V

Consensus
PVM Rep-II
ASPV Rep-II
RSPaV-I Rep-II

F#...#.G#.V#.DE.QL*PPGY*DL...#. *.*GDP*QS.YD#. #DR. ###...###...
 FLARVEFLTEGQVVLDEMQLYPPGYFDLVVSMKVDVRLFLVGDPAQSDYDSEKDRLLVLGAMEENMSVV
 FFIHLDSIKEGHTVVIDEIQLFPPGYIDLII LGLKPNVNI I AGDPCQSDYDCSSDRHI FAGESDI MRI
 FLRKVAGLKAGHCVI FDEVQLFPPGYI DLCLLI I RSDAFI SLAGDPCQSTYDSQKDRAILGAEQSDI LRL

Consensus
PVM Rep-II
ASPV Rep-II
RSPaV-1 Rep-II

L.*.Y.#**S.RF.N*.F..RLPC...K...T.....*.....#.....*##.....*.....VLVSSF*EK*

LGAREYNYKVRSHRFLNCNFIGRLPCEINKDDCTIDEPHIMRMHL...ENLLDVAEYKSVLVVSSFDEKM

LSGRSYKFNILSQFRPNPVYGR LPCNLNKTRLTDEEYTLWDSIQEFSMMGRKDCPV.VLVSSFEEKK

LEGKTYRYNIESRRFVNPMFESRLPCHFKGSMTAAADYAI FHNMHDFLLARSKGPLDAVLVSSFEEKK

Consensus
PVM Rep-II
ASPV Rep-II
RSPaV-1 Rep-II

V.......#T#GESTGL*F..G.I*##...S...S...T.*RRW.TAL*RF**##...#N..G.....**
 VVCAHLPEA- KVLTFGESTGLTFMHGTIYISAVSERTNERRWTALRRFRFNLCFVNCSGMDYQQLAGRY
 I VAAHLGLKMKCIYGESTGLNFQKGAILVTYESALTSDRRWWTALSRFSDHI.HFINGMGVTWDNAITHF
 I VQSYFGMKQLTLTFGESTGLNFKNGGILISHDSFHTDDRRWLTALSRFSHNLDLVNITGLRVESFLSHF

Consensus
PVM Rep-II
ASPV Rep-II
RSPaV-1 Rep-II

G***.F#.....*.**LPG.*.#.***.***.G#.EGVRE#KL.GDPWLK.M.*L*Q...*.E..*#.
KGRVRSKFLCKTAIPDDLNSMLPGQALFKSEYPRLIKDEGVREEKLAGDPWLKTMNLQYAPEVEIAEE
VVGKPLHKFFTKRACNDIIDLPGRPELIEGFSQVGADGVREAKLVGDPWLKTKIFLGQNPDFEIEIA
AGKPLYHFLTAKSGENVIDLLPGEPNFFSGFNVSIGKNEGVREEKCGDPWLKVMLFLGQDEDCVEEEM

Consensus
PVM Rep-II
ASPv Rep-II
RSPaV-1 Rep-II

E#WF*TH*P...LE# .RA.WV.K...#E#RE#R.G...*QF.*H....G.-#L.NA.ER#E.
PEVVMQEEWFRTHLPRDELESVRAQVWHKILAKEYREVVRMGDMVSEQFTHDHTKQLGAKQLTNAARFET
DEVEAAEDWFKTHIPIMSLEAVRAQVWHKILSREDREFRIGDI TTEQFTDDHSKNRGQ.ELTNAARVEA
E#ECSNEEWFKTHIPLSNLESTRARVWGKMLKEYREVRCGYEMTQQFFDEHRGTTGE-QLSNACERFES

Consensus
PVM Rep-II
ASPV Rep-II
RSPaV-I Rep-II

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I YPRH* . D . . TFLMAV. KRL:FS. P . . E . . *L**A**GK*LL* . FL PL# . . *H# *EA* F
I YPRHRASDTVTFLMAVKKRLSFSNPGEKGNLFHAASYGKALLSEFLKRVPLKPNHNVRFMEEAL-WNF
I YPRRHKGTDATFLMAVKKRLSFSPPAAEHAKLRRAKPFGKFLDFTFLKRVPLNSSSHDEKMMQEA V- HAF
I YPRRHKGNDISI TFLMAVRKRLKFSKPQVEAAKLRRAKPYGKFLDSDSFLSKIPLKASHNSI MFHEAV-QEF

Consensus
PVM Rep-II
ASPV Rep-II
RSPaV-I Rep-II

E. KK. SKS#ATIENH. GRSC#DW. . D#A*IF*KSQ. CTKFDNR- . R#AKA*Q***CFQH#VL. RFAPYMR
EEKKLSKSAATIENHSGRSCRDWPTDVAQIFSKSQLCTKFDNR- FRVAKAAQSI VCFQHAVLCRFAPYMR
EEKKLSKSMATIENHSGRSCEDWPVDKALIFMKSQCTKFDNR- FRSAKAGQTLACFQHSVLCRFAPYMR
EAKKASKSAATIENHAGRSCRDWLLDVALIFMKSQHCTKFDNR- LRVAKAGQTLACFQHAVLVRFAPYMR

Consensus
PVM Rep-II
ASPV Rep-II
RSPaV-I Rep-II

YIE. K L . . N. YIHSGK**#L . . WV F . . #CTESDYEAFDASQD*FI*AFEL . . MK*L*LP .
YIEMKVHEVLPKNYIYHSGKGLEELDAAWKKGK- FDRICTESDYEAFDASQDEFI MAFELELMKYLRPLPS
YIESKVTEVLPKNLYI HSGKNI DDAAWVTTSK- FNGVCTESDYEAFDASQDHFILAFELEVMMKFLGLPS
YIEKKLMQALKPNFYI HSGKGLDELNEWVTRG- FTGICTESDYEAFDASQDHFILAFELQIMKFLGLPE

Consensus
PVM Rep-II
ASPV Rep-II
RSPaV-I Rep-II

DLI . DY. FIK . *LGSKLG*F. I MRFF*GEASTFLFNT*ANMLFTF*RY . * . G. E. I . FAGDDMCA*#RL . .
DLIEDYKFIKTSLGSKLGNFAIMRFSGEASTFLFNTLANMLFTFMRYNIRGDEFICFAGDDMCASRRLLQ
DLIADYTFIKTHLGSKLGSFAIMRFTGEASTFLFNTMANMLFTFLRYDLNGREAI CFAGDDMCANSRLKV
DLILDYEFIKIHLGSKLGSFSIMRFTGEASTFLFNTMANMLFTFLRYELTGSESI AFAGDDMCANRRRL

Consensus
PVM Rep-II
ASPV Rep-II
RSPaV-I Rep-II

B

. FL . . I . LKAKVQF# PTFCGW. L G#*KKP#L . . ER . #IA*E# . NL*NCI DNYAIE
TKKFAHFLDKLKLKAKVQFVQFVN . - KPFTFCGWHLCPDGI YKKPQLVLERMCI AKEMNLSNCI DNYAIE
TNRFSNFLDKIKLKAKVQFTAT PTFCGWGLCEHGVFKKPPDLVLERLQI ARETRNLENCI DNYAIE
KTEHEGFLNMI CLKAKVQFVSN PTFCGWCLFKEGIFKKPQLI WERI CI AREMGNLENCI DNYAIE

Consensus
PVM Rep-II
ASPV Rep-II
RSPaV-I Rep-II

V*#AY.#GE.# # . . #EV. A*YNCVR* . V*#H
VAYAYKLGEKAVNRMDEEEVAAFYNCVRI I VRNKH
VSCAYKMGENLNL YLTPQEVDAHYNVCVRFI VQHNH
VSYAYRLGELAIEMMTEEEVEAHYNVCVRFIVRNKH

Consensus
PVM Rep-II
ASPV Rep-II
RSPaV-I Rep-II

FIG. 4C

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Consensus M...#...L...*F...L...P.V.H.VPG*GK##LI##...#...A.T#GV*#.#...G.*I*...
PVM25K MDVI VDLLYKYKFERLSNKL.VCPI VVHCVP GAGKSSLI RELLEDSRF CAYTAGVEDQPRLSGNWI RKW
ASPV25K METVLSLLNEFGFERTVEPL.SDPI VVHAVPGSGKTTLI KQALI RNNI EAVTFGVPEKANI HGTYI KKA
RSPaV-124.4K MNNL VKALS AFEFVGVS VL.KFPVVI HSPVGS GKSSLI RELI SEDENFI AFTAGVPDSPNL TGRYI KPY

Majority #.G....G#...*LDEY*...**...LF*DP*Q.N.#....A*F*#....RFG..T#...L....G...#.
PVM25K S-GQQPEGKFVVLDEYTL.TEVPPVFALFGDPI QSNTSAVQRADFVCSVSRFRGSATCGLLRELGNVR
ASPV25K RQQRGRGNYSI LDEYLSG.EYSTGFNCLFSDPYQ.NHGDCLRAHFI GRCSHRFGRQTVQI LRD LGYNI A
RSPaV-124.4K SPGCAVPGKVNI LDEYLSV.QDFSGFDVLFSDPYQ.NISIPKEAHFI KSKTCRFGVNTCKYLS SFGFKVS

Majority ..S....D.V.#....*#*#...*G*...*#...*#...H.E.*...*#*#*G.TF.#VT...#.....#.
PVM25K ..SEKADLVQVSDI YTKD.PLGKVVFSEEEVGCLLRSHGVEALS LQEI TGQTFEVVTFVTS ENSPVI NRA
ASPV25K ..SSKEDI VEKKNIFQLI EPEGVI ICLEKGVEDFLKWH SVEYKFP CQVRGATFDI VTFI HEKPLEELVGP
RSPaV-124.4K ..SDGLDKVI VCGSPFTLDV.EGVLI CFCKEAVDLAVAHNSEFKLPCEVRGSTFN VVTLKSRDPTPEDRH

Majority ...#.*.TRHR.*...
PVM25K AA.YQCMTRHRLC.TSVS
ASPV25K DL.FVALTRHRSKL.VLVSN
RSPaV-124.4K WF.YI AATHREKL.IIMQ

FIG. 5A

Consensus	MP*.*.....P.....K.....*.*G.....#V*..L...S.LP..GD**H..PHGG.Y#DGTK#*.Y**P..*
PVM12K	MP*.....LTPPPDFTKVYLSAALGVSLALVVWLLIRSTLPVVGDRDHNLPHGGWYRDGTSVFYNP..G
ASPV12K	MPFAQ.....PPDYSKSVFPIAVGI AVAVVLFTLTRSTLPQVGDNI HNLPHGGNYQDGTKRISYCGPRDS
RSPaV-112.8K	MPFQQ.....PANWAKTITPLTVGLGIGLVLHFLRKSNLPYSGDNIHQFPHGGRYRDGTSITYCGPKQS

Majority	***S.....*L*...*...*...*...*...*...*
PVM 12K	RLNSIEARKAPLLGQPWAI VVLLVL--LI WASHKLRPNCR-ACA--GS...HT
ASPV 12K	FPSSSLIS-SGTPMI GIIIFLI FAI YVSEKWSRSGSRRCSCCVP GACTATVHE
RSPaV-112.8K	FPSSGI FGQSENFVPLML VI GLI AFI HVLS VWN-SGLGRNCNCHPNPCSCRQQ

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FIG. 5B

VSRAVEEI DYHC

FIG. 5C

Consensus *..TLR#.C..YA*. *WN..L.*..PPA*W#. *#F.....#A*FD*F.*V.....#*P..G..R.PT.*E
(188) PVMCP DAETLRRVCRLYAPVTWNHMLTHNAPPAEWAAMGFQVEDRFAPFDCFDYVENTAAVQPLEGLIRRPTPRE
(301) ASPVCP EGCTLRQYCAFYAKHVWNLMLQTQSPPANWVGKEFKFETRYAADFDFFGVESTASLEPADGLIRLPTQAE
(142) RSPaV-1CP EVTTLRRFCMYAKI VVNI HLETGIP PANWAKKGFNENEKFAAFDFFLGVTDSEALEPKGGIKRAPTKAE

Majority .VA*...*. *R.#...*. *E..GG..G.....*
(188) PVMCP KVAHNTHKDI AL·RGANRNQVFSSLNAEVTGGMNGPELTRDYVKSNRK
(301) ASPVCP RVANATSK EI QMYRI RSMEGTQAVNFGEVTGGKI GP...·KPVLSI·RK
(142) RSPaV-1CP MVANI ASFEVQVLRQAMAEGRSSNLGEISGGTAGALINNPFNSVNTHE

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FIG. 5D

Consensus
ASPV 3'UTR
RSPaV-1 3'UTR

...G.T.A...AA.TC...C...CA.TTC...T.CA.TA.TT...C...TTT...AA.G.TG...A.CCT...
TTAGTTAATTAAATTCCTCGCA.TTCAAT..TTCAGTACTTATGCTTTTCTAGTAAGTTGATCCCAACCTAAC
..GGATGACGAAGTCAGCGACAATTCCGCAGTCCCAATAATCCCGATT..CAAGCTGGGTTAAGCCTGTT

Consensus
ASPV 3'UTR
RSPaV-1 3'UTR

CG..GG...C..T...GT..T...TT.CATGCT...A.C.TATTT...TGT...
CG..GGCGGCTATGT...GTGTGTTCTTTTCATGCTTAGCTTATTTT...TGT...
CGCTGGAATACCGTACTAATAGTATTCCTTTCCATGCTAATCCTATTATAATATAAGTGTGGAAAGTAA

Consensus
ASPV 3'UTR
RSPaV-1 3'UTR

...TTT...TAG.TTT...TC
...TTTAAC...TAGATT...TC
AAGAAGATTGGTGTGTTTATAGTTTCATTC

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FIG. 6A

Consensus
PVM 3' UTR
RSPaV-1 3' UTR GGATGACGAAGTCAGCGACAATTCCGAGTCCAATAATCCCGATTTCAGGCTGGGTTAAGCCTGTTTCGCT

Consensus CCAT.. TAAATCCTATTTAATATATAA. GTGTG.. A.... AAA. A
PVM 3' UTR CCAT.. TAAATCCTATTTAATATATAA. GTGTG.. A.... AAA. A
RSPaV-1 3' UTR GGAATACCGTACTAATAGTATTCCTTCCATGCTAAATCCTATTTAATATATAAAGTAAAAGA

Consensus A. A. TTGGT. T. T... TAT... TTTT.....
PVM 3' UTR AAAC TTGGT TTTTAACTAT.. TTTTAGCCA
RSPaV-1 3' UTR AGATTGGTGTGTTTTTATAGTTTTCATTC

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FIG. 6B

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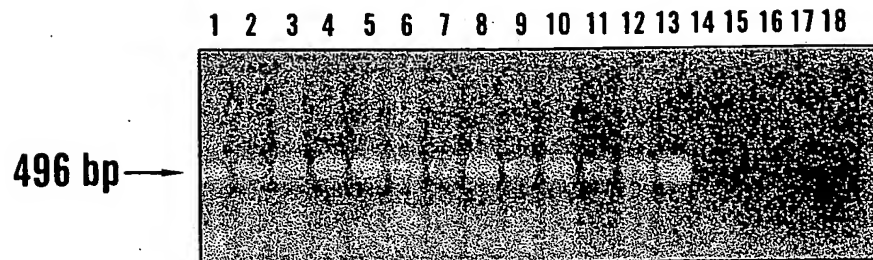


FIG. 7A

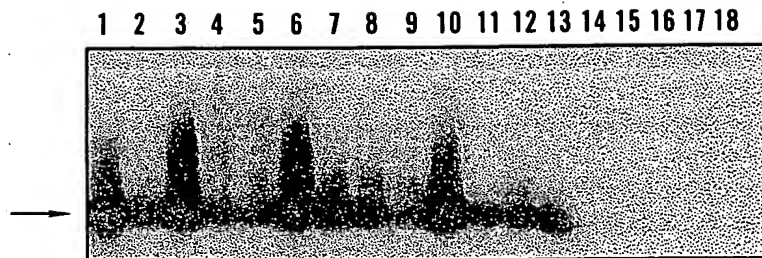


FIG. 7B

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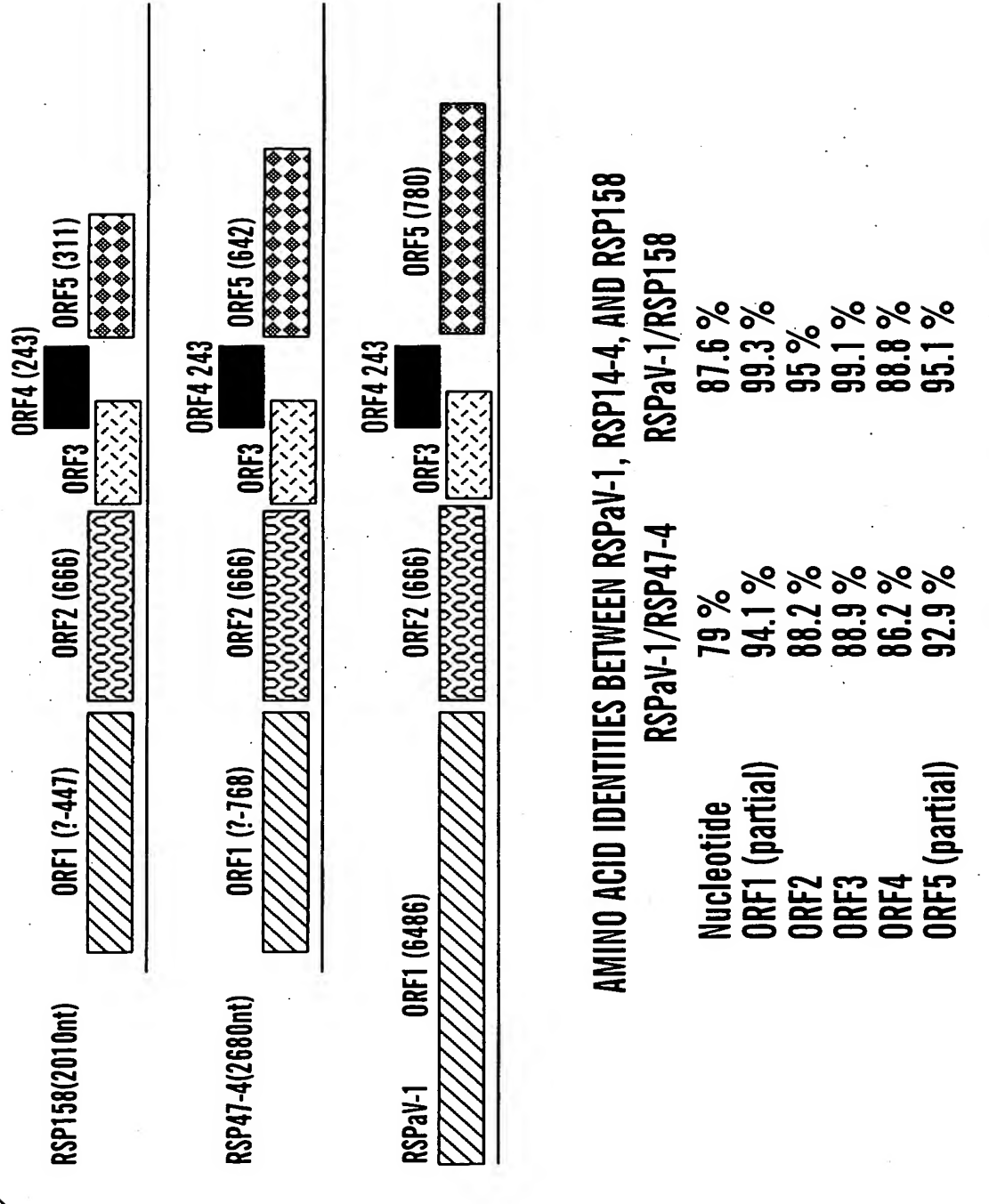


FIG. 8

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FIG. 9

Consensus	. C.GG..T.AA.G.TGG.CA.TGTGT.ATTTT.GA.GAGGT.CAGTTGTTCC.CC.GGA.A.ATCGAT.T..G.T..CTT.T.A.ACG.AG.GA.GCTT
140/94-19T7+R1	GCAGGATTGAAGGCTGCTCACTGTGTGATTTTGTGATGAGTCCAGTTGTTTCTCTGGATACATCGATCTATCTTGCTTATTATACGTAGTGATGCTT
140/94-24T7+R1	TTGGTTTGAAGCTGTCATTTGTGATTTTGTGATGAGTTCAGTTGTTTCTCTGGATACATCGATCTGTTTACTTGTATACAGTGATGCTT
140/94-2T3+F1RC	GCAGGTTAAAGCTGGTCACTGTGTGATTTTGTGATGAGTTCAGTTGTTTCTCTGGATACATCGATCTGTTTACTTGTATACAGTGATGCTT
140/94-42T3RC	GCAGGTTAAAGTGGTCACTGTGTGATTTTGTGATGAGTTCAGTTGTTTCTCTGGATACATCGATCTGTTTACTTGTATACAGTGATGCTT
140/94-64T7+R1RC	GCAGGTTAAAGGCTGGCTCACTGTGTGATTTTGTGATGAGTTCAGTTGTTTCTCTGGATACATCGATCTGTTTACTTGTATACAGTGATGCTT
140/94-6T3+F	GCAGGTTAAAGGCTGGCTCACTGTGTGATTTTGTGATGAGTTCAGTTGTTTCTCTGGATACATCGATCTGTTTACTTGTATACAGTGATGCTT
140/94-72T7+R1	GCAGGTTAAAGGCTGGCTCACTGTGTGATTTTGTGATGAGTTCAGTTGTTTCTCTGGATACATCGATCTGTTTACTTGTATACAGTGATGCTT
RSPv-1	GCAGGTTAAAGGCTGGCTCACTGTGTGATTTTGTGATGAGTTCAGTTGTTTCTCTGGATACATCGATCTGTTTACTTGTATACAGTGATGCTT
Consensus	T.ATTT.ACT.GC.GGTGA.CCATG.C..AGCATATGA.TC.CA.AA.GATCG.GC.ATTTTGGG.GCTGAGCAGAGTGACATACT.A.A.T.CTTGA
140/94-19T7+R1	TCATTTCACTTGGGTGATCCATGTCAGGACCATATGATTCGAAAGGATCGGCAATTTTGGCGCTGAGCAGAGTGACATACTAGAAATGCTTGA
140/94-24T7+R1	TCATTTCACTTGGGTGATCCATGTCAGGACCATATGATTCAGGATCGGCAATTTTGGCGCTGAGCAGAGTGACATACTAGAAATGCTTGA
140/94-2T3+F1RC	TCATTTCACTTGGGTGATCCATGTCAGGACCATATGATTCAGGATCGGCAATTTTGGCGCTGAGCAGAGTGACATACTAGAAATGCTTGA
140/94-42T3RC	TCATTTCACTTGGGTGATCCATGTCAGGACCATATGATTCAGGATCGGCAATTTTGGCGCTGAGCAGAGTGACATACTAGAAATGCTTGA
140/94-64T7+R1RC	TCATTTCACTTGGGTGATCCATGTCAGGACCATATGATTCGAAAGGATCGGCAATTTTGGCGCTGAGCAGAGTGACATACTAGAAATGCTTGA
140/94-6T3+F	TCATTTCACTTGGGTGATCCATGTCAGGACCATATGATTCGAAAGGATCGGCAATTTTGGCGCTGAGCAGAGTGACATACTAGAAATGCTTGA
140/94-72T7+R1	TCATTTCACTTGGGTGATCCATGTCAGGACCATATGATTCGAAAGGATCGGCAATTTTGGCGCTGAGCAGAGTGACATACTAGAAATGCTTGA
RSPv-1	TCATTTCACTTGGGTGATCCATGTCAGGACCATATGATTCGAAAGGATCGGCAATTTTGGCGCTGAGCAGAGTGACATACTAGAAATGCTTGA
Consensus	.GG.AA.AC.TATAGGTA.AACAT.GAAAGCAG..G.TTTGTGAA.CCAATGTT.GAAT...GACT.CCATGTCA.TTCAAAA.GGG..C.ATGACTGC
140/94-19T7+R1	GGGCAAAACGTATAGGTATAACATAGAAAGCAGGAGTTTGTGAACCAATGTTGAATAGAGCTGCATGTCACTTCAAAA-GGGTTGATGACTGC
140/94-24T7+R1	AGGAAAGATATAGGTATAACATAGAAAGCAGGAGTTTGTGAACCAATGTTGAATAGAGCTGCATGTCACTTCAAAA-GGGTTCAATGACTGC
140/94-2T3+F1RC	AGGCAAGAGTATAGGTATAACATAGAAAGCAGGAGTTTGTGAACCAATGTTGAATAGAGCTGCATGTCACTTCAAAA-GGGTTCAATGACTGC
140/94-42T3RC	AGGCAAGAGTATAGGTATAACATAGAAAGCAGGAGTTTGTGAACCAATGTTGAATAGAGCTGCATGTCACTTCAAAA-GGGTTCAATGACTGC
140/94-64T7+R1RC	GGGCAAGAGTATAGGTATAACATAGAAAGCAGGAGTTTGTGAACCAATGTTGAATAGAGCTGCATGTCACTTCAAAA-GGGTTCAATGACTGC
140/94-6T3+F	GGGCAAGAGTATAGGTATAACATAGAAAGCAGGAGTTTGTGAACCAATGTTGAATAGAGCTGCATGTCACTTCAAAA-GGGTTCAATGACTGC
140/94-72T7+R1	GGGCAAGAGTATAGGTATAACATAGAAAGCAGGAGTTTGTGAACCAATGTTGAATAGAGCTGCATGTCACTTCAAAA-GGGTTCAATGACTGC
RSPv-1	GGGCAAAACGTATAGGTATAACATAGAAAGCAGGAGTTTGTGAACCAATGTTGAATAGAGCTGCATGTCACTTCAAAA-GGGTTGATGACTGC
Consensus	.GC.TT.GCTGATTATGC.AT.TT.....
140/94-19T7+R1	CGCTTTGCTGATTATGCAATCTTCCATATATGATGATCTTCTCTGGCAGGTCAAAGGTCCTTTGGATGCCGTTTGGTTCCAGTTTGGAGG
140/94-24T7+R1	AGCTTTGCTGATTATGCAATCTTCCATATATGATGATCTTCTCTGGCAGGTCAAAGGTCCTTTGGATGCCGTTTGGTTCCAGTTTGGAGG
140/94-2T3+F1RC	TTCTTTGCTGATTATGCAATCTTCCATATATGATGATCTTCTCTGGCAGGTCAAAGGTCCTTTGGATGCCGTTTGGTTTGGAGG
140/94-42T3RC	TTCTTTGCTGATTATGCAATCTTCCATATATGATGATCTTCTCTGGCAGGTCAAAGGTCCTTTGGATGCCGTTTGGTTTGGAGG
140/94-64T7+R1RC	CGCTTTGCTGATTATGCAATCTTCCATATATGATGATCTTCTCTGGCAGGTCAAAGGTCCTTTGGATGCCGTTTGGTTCCAGTTTGGAGG
140/94-6T3+F	CGCTTTGCTGATTATGCAATCTTCCATATATGATGATCTTCTCTGGCAGGTCAAAGGTCCTTTGGATGCCGTTTGGTTCCAGTTTGGAGG
140/94-72T7+R1	TTCTTTGCTGATTATGCAATCTTCCATATATGATGATCTTCTCTGGCAGGTCAAAGGTCCTTTGGATGCCGTTTGGTTCCAGTTTGGAGG
RSPv-1	CGCTTTGCTGATTATGCAATCTTCCATATATGATGATCTTCTCTGGCAGGTCAAAGGTCCTTTGGATGCCGTTTGGTTCCAGTTTGGAGG

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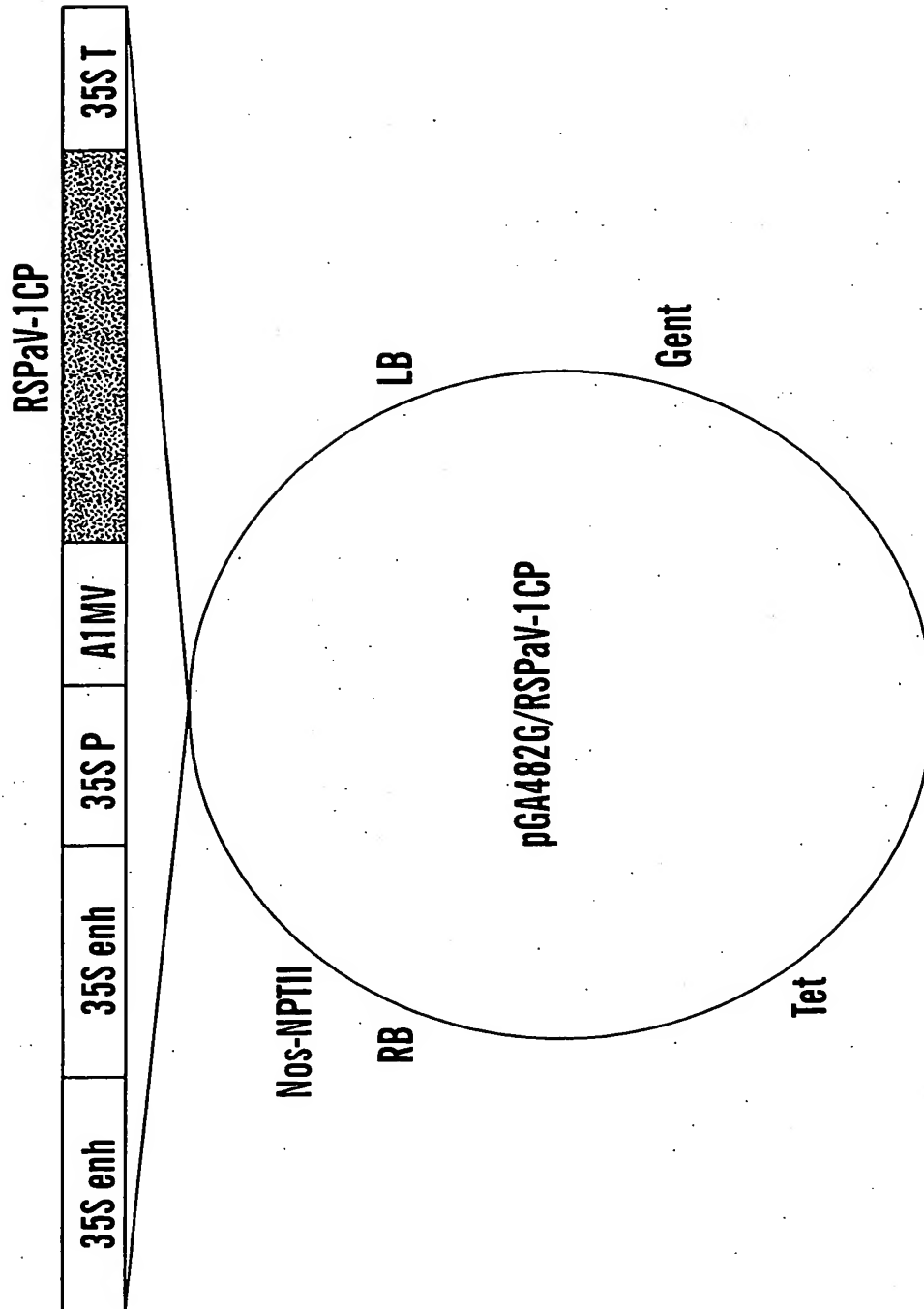


FIG. 10